

CLAIMS:

1. A server intended for generating, from an input transport stream of a first type and from data of a second type, an output transport stream of said first type which notably carries said data of said second type, said server having:

- first means for generating an intermediate transport stream by creating available bandwidth in said input transport stream,
- second means for inserting said data of said second type the available bandwidth of said intermediate transport stream, thereby generating said output transport stream.

5 2. A server as claimed in claim 1, wherein said input transport stream carries control information, and said server has third means, upstream of said second means, for 10 updating said control information to take said data of said second type into account.

10 3. A server as claimed in one of claims 1 or 2 wherein said streams of the first 15 type are composed of transport packets, and the creation of available bandwidth is made by inserting null packets into the input transport stream, so that said intermediate transport stream has a higher bit rate than said input transport stream.

20 4. A server as claimed in one of claims 1 or 2 wherein said transport streams of the first type are composed of transport packets, said input transport stream carries a plurality of elementary streams containing encoded data, and the creation of available bandwidth is made by:

- selecting one or more elementary stream(s) in said input transport stream,
- demultiplexing the selected elementary stream(s),
- transcoding the encoded data contained in the demultiplexed elementary stream(s) in order to reduce the bit rate they occupy
- and remultiplexing said transcoded data while inserting null transport packets so that the generated intermediate transport stream has a bit rate that is smaller or equal to the bit rate of said input transport stream.

5. A broadcasting system comprising at least a server as claimed in one of claims 1 or 2 and a client terminal intended to receive the output transport stream delivered by said server and to retrieve the data carried in this transport stream in view of a use in a client application.

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6. A method of generating, from an input transport stream of a first and from data of a second type, an output transport stream of said first type which notably carries said data of said second type, said method having:

- 10 - a first step of generating an intermediate transport stream by creating available bandwidth in said input transport stream,
- a second step of inserting said data of said second type into the available bandwidth of said intermediate transport stream, thereby generating said output transport stream.

15 7. A method as claimed in claim 6 wherein said input transport stream carries control information and said method has a third step, upstream of said second step, of updating said control information to take said data of said second type into account.

20 8. A method as claimed in one of claims 6 or 7 wherein said transport streams of the first type are composed of transport packets, and the creation of available bandwidth is made by inserting null packets into the input transport stream, so that said intermediate transport stream has a higher bit rate than said input transport stream.

25 9. A method as claimed in one of claims 6 or 7 wherein said transport streams of the first type are composed of transport packets, said input transport stream carries a plurality of elementary streams containing encoded data, and the creation of available bandwidth is made by:

- 30 - selecting one or more elementary stream(s) in said input transport stream,
- demultiplexing the selected elementary stream(s),
- transcoding the encoded data contained in the demultiplexed elementary stream(s) in order to reduce the bit rate they occupy,
- and remultiplexing said transcoded data while inserting null transport packets so that the generated intermediate transport stream has a bit rate that is smaller or equal to the bit rate of said input transport stream.

10. A computer program having means for implementing a method as claimed in one of claims 6 or 7.